# Daniel Fang

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## EDUCATION

**University of North Carolina at Chapel Hill** – Chapel Hill, NC Aug. 2020 – Present
*Statistics (BS); Computer Science (BS)*

- Relevant Courses: Intermediate Theory: Price and Distribution, Data Structures & Analysis, Business Analytics, Linear Algebra for Applications, Financial Accounting, Foundations of Programming, Discrete Mathematics
- UNC Chapel Hill Honors Carolina Student
- GPA: 3.947

**NC School of Science and Mathematics** – Durham, NC Aug. 2018 - May 2020

- Relevant Courses: Macroeconomics, Databases, Mathematical Modeling, Modern Networks, Complex Systems, Differential Equations, Multivariable Calculus
- Weighted GPA: 4.986

## EXPERIENCE

**Streamline Tutors** – Baltimore, MD Jan. 2021 – Oct. 2021
*Academic Tutor*

- Tutored students that attend high school and college in mathematics (i.e. AP Calculus, etc…)
- Tutored high school students in SAT/SAT subject tests
- Navigated through conflict with students and parents

**Duke University Biostatistics** – Durham, NC June 2019 - Feb. 2020
*Quantitative Research Intern*

- Cleaned and analyzed HIV data and created models in R and Python programming language for better understanding of viral replication, load, and interaction with the immune system
- Presented key findings at weekly graduate-level research meetings with professors and post-docs
- Detailed overarching procedure, observations, models, and results in a final research paper

## LEADERSHIP AND COMMUNITY INVOLVEMENT

**Delta Sigma Pi Professional Business Fraternity** – Chapel Hill, NC Apr. 2021 - Present

- Collective of motivated individuals promoting learning, experience, and interest in the business world.
- Participated in various community service and professional development events.

**NCSSM Ultimate Frisbee** – Durham, NC Aug. 2019 - Mar. 2020
*Co-Captain*

- Created team practice schedule, lead drill sets, and communicated key meetings and tournaments
- Coordinated and organized team logistics for all seasonal games and tournaments (collected dues, arranged transportation, and registered team for all events)

## ADDITIONAL INFORMATION

- **R (CRAN):** Intermediate understanding and ability to create CRAN programs that clean, model, and analyze data
- **Python Programming Language:** Intermediate understanding with ability to develop visualization and analysis programs using Python Libraries (e.g. Numpy, Matplotlib, and pandas)
- **Java:** Intermediate understanding of object-oriented programming, unit testing, and data structures
- **C:** Intermediate understanding of language and system fundamentals
- **MatLab and Ruby:** Ability to create programs to analyze and visualize data
- **Mandarin Chinese:** Fluent in comprehension and speaking, advanced in reading and writing